

# California Pesticide Use Enforcement Statistical Profile

---

**Date** October 2008

---

**Introduction** The Department of Pesticide Regulation (DPR) developed a summary of annual statewide county agricultural commissioner (CAC) pesticide enforcement program statistics. This annual California Pesticide Use Enforcement Statistical Profile consolidates CAC data from several DPR database sources. DPR also produced and distributed County Pesticide Use Enforcement Statistical Profiles with data from each individual county. Profiles for following years will be developed as the final data becomes available.

---

**Source of the data** The data sources used in the report include the Pesticide Regulatory Activities Monthly Report (PRAMR), pesticide use report, and inspection tracking databases. Also included is CAC funding information from DPR and the California Department of Food and Agriculture (CDFA). The data used are from fiscal years 2004-2005, 2005-2006, and 2006-2007.

---

**Pages of the profile** This statistical profile consists of:

- Annual statewide pesticide enforcement program statistics: General statistics about the CAC program drawn from the PRAMR and Pesticide Use Report databases, and funding disbursed by CDFA via the unclaimed gas tax distribution and by DPR via the mill assessment;
- Statewide workload distribution by percent time: Pie charts showing workload distribution by percentages of time dedicated to various categories of the CAC pesticide enforcement program (PRAMR);
- Statewide inspection compliance: Compliance information from the various types of inspections conducted by the CACs (inspection tracking) and a summary of the number of compliance and enforcement actions taken (PRAMR); and
- Most common violations-statewide: A listing of the code section violations that are most frequently cited on CAC inspections (inspection tracking).

---

**Purpose of the profiles** The profiles were developed to look at available data in a more comprehensive format. The CACs and DPR may use this information to:

- Develop county enforcement work plans;
- Conduct effectiveness evaluations;
- Identify trends and program changes;
- Identify CAC staff training needs;
- Identify industry outreach needs;
- Improve inspection compliance;

---

*Continued on next page*

## California Pesticide Use Enforcement Statistical Profile, Continued

---

### **Purpose of the profiles** (continued)

- Develop inspection targeting programs; and
  - Compare county data to statewide, regional and/or other counties with similar characteristics.
- 

### **Annual statewide pesticide enforcement program statistics**

This is a two-year comparison of several statistics regarding restricted materials permits (such as number of: permits issued, permits denied, multi-year permits, sites, and notices of intent reviewed, assessed and denied); pounds of pesticides used; number of applications; number of inspections; and CDFA and DPR funding. This information can be used to identify significant year-to-year reductions or increases that may impact the county's overall pesticide enforcement program.

---

### **Statewide workload distribution by percent time**

The pie charts show a two-year comparison of CAC time spent in eleven categories of pesticide use enforcement. This identifies areas where excessive or minimal time is dedicated to specific work categories that may not be appropriate for an individual program. It can also be used to identify significant year-to-year reductions or increases that may impact the overall pesticide enforcement program.

---

### **Statewide inspection compliance**

These tables list the numbers of inspections and compliance rates for each inspection type the CACs conduct. It also shows the number of "No's" per inspection, the percentage of inspections with 100 percent compliance and the number of inspections where one or more violations were found.

The last number on the table can be compared with the number of compliance and enforcement actions taken during the same period; however, the numbers do not correlate directly. Not all compliance and enforcement actions are taken during the fiscal year in which it is reported. Additionally, some actions may result from the discovery of violations by means other than inspections, such as investigations.

This information can be used to identify areas of particularly low compliance where industry outreach or changes in targeting strategies may be used to improve compliance. Areas of particularly high compliance where DPR's field experience indicates that the compliance rate is not as high may identify a need to review the CAC's inspections to determine if additional training is appropriate for CAC staff.

---

### **Most common violations-statewide**

This table lists the most frequently found violations during CAC inspections. They can be used to indicate areas where industry outreach and training is most needed.

---

## Annual Statewide Pesticide Enforcement Program Statistics

	FY 04/05	FY 05/06	FY 06/07
Operator identification numbers issued <sup>1</sup>	11,633	12,302	13,386
Restricted material permits issued <sup>1</sup>	35,194	33,879	34,400
Permits denied <sup>1</sup>	753	1,175	474
Multi-year permits <sup>1</sup>	17,036	9,092	6,803
Total permitted sites <sup>1, 2</sup>	230,560	237,378	232,171
Total sites with pesticide use <sup>3</sup>	248,626	272,400	268,595
Notices of intent (NOIs) reviewed <sup>1</sup>	174,522	179,568	155,402
NOIs assessed (Pre-application site inspections) <sup>1</sup>	9,384	9,848	10,810
NOIs denied <sup>1</sup>	1,743	2,087	1,800
Pounds of pesticide applied (active ingredient) <sup>3</sup>	179,173,106	190,457,979	179,354,868
Number of agricultural applications <sup>3</sup>	2,115,591	2,241,344	2,230,357
Number of non-agricultural applications <sup>3,4</sup>	11,368,315	11,906,116	11,588,136
Number of all inspections <sup>1</sup>	33,135	31,631	30,690
Unclaimed Gas Tax Distribution <sup>5,6</sup>	\$9,347,242	\$9,186,047	\$9,322,071
Pesticide Mill Assessment <sup>5</sup>	\$16,370,076	\$17,018,628	\$17,537,483

### Footnotes

<sup>1</sup> Source: Pesticide Regulatory Activities Monthly Report (PRAMR)

<sup>2</sup> Some counties did not report any permitted sites.

<sup>3</sup> Source: Department of Pesticide Regulation Pesticide Use Report Database; includes non-permitted sites on operator identification numbers.

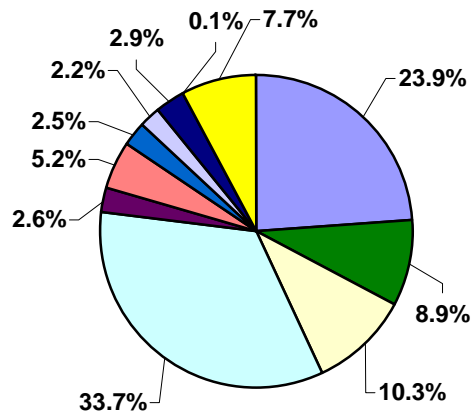
<sup>4</sup> Analysis of data indicates some problems with reporting and accurately recording these figures.

<sup>5</sup> Funds disbursed in the current fiscal year are based on the prior year's workload; for example, the funds displayed in FY 04/05 were not disbursed until early 2006.

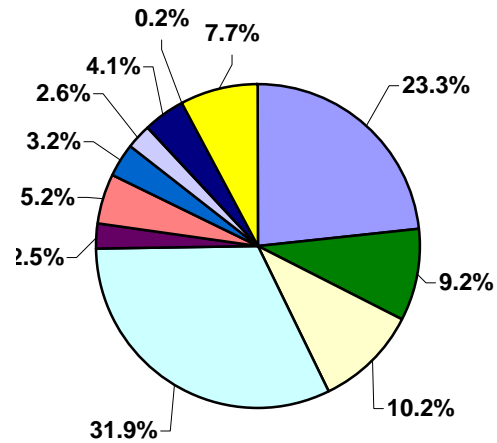
<sup>6</sup> This amount represents 36 percent of the full amount distributed by CDFA for all 10 agricultural programs (FAC 2282) and pesticide use enforcement. The 36 percent represents the typical amount dedicated to pesticide use enforcement.

## California Statewide Work Load Distribution by Percent Time

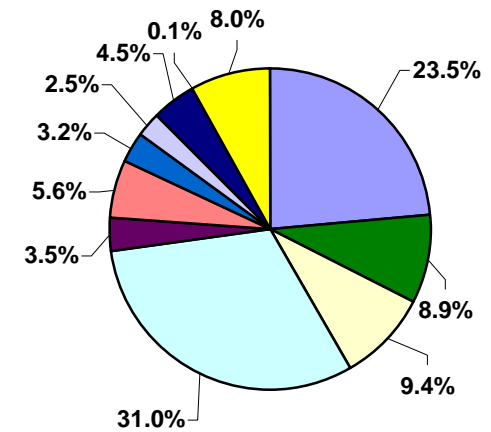
**FY 04/05**



**FY 05/06**



**FY 06/07**



- |   |                               |
|---|-------------------------------|
| ■ Inspections                             | ■ Surveillance Hours          |
| ■ Preapplication                          | ■ Training & Outreach         |
| ■ Enforcement Actions                     | ■ Pesticide Use Report Review |
| ■ Investigations                          | ■ Restricted Material         |
| ■ Licensee Registration/Operator I.D. No. | ■ Compliance Actions          |
| ■ Pesticide/Hazardous-Materials Spill     |                               |

SOURCE: Fiscal Year 04/05, 05/06 and 06/07  
Pesticide Regulatory Activities Monthly Report

Statewide Inspection Compliance For FY04-05, FY05-06, and FY06-07

Form#	FY 04/05							FY 05/06							FY 06/07						
	Number of Inspections	Criteria Compliance				Inspections With a Violation		Number of Inspections	Criteria Compliance				Inspections With a Violation		Number of Inspections	Criteria Compliance				Inspections With a Violation	
		Items That Did Comply	Items That Did Not Comply	Total Items	Rate				Items That Did Comply	Items That Did Not Comply	Total Items	Rate				Items That Did Comply	Items That Did Not Comply	Total Items	Rate		
103-FWS	1,216	5,285	426	5,711	92.5%	237	80.5%	1,366	5,916	451	6,367	92.9%	257	81.2%	1,108	5,001	214	5,215	95.9%	147	86.7%
104A-PUMI-App	5,933	99,647	4,178	103,825	96.0%	1,461	75.4%	6,163	103,658	4,176	107,834	96.1%	1,414	77.1%	5,423	92,287	3,134	95,421	96.7%	1,017	81.2%
104B-PUMI-M/L	2,599	49,453	932	50,385	98.2%	385	85.2%	2,521	47,373	717	48,090	98.5%	314	87.5%	2,122	40,513	465	40,978	98.9%	197	90.7%
105-Com Fume	435	9,895	39	9,934	99.6%	21	95.2%	361	8,436	44	8,480	99.5%	21	94.2%	485	11,310	6	11,316	99.9%	4	99.2%
106-Field Fume	684	19,122	139	19,261	99.3%	63	90.8%	697	19,552	117	19,669	99.4%	54	92.3%	675	18,633	97	18,730	99.5%	36	94.7%
107-Branch 1 Fume	1,916	61,920	255	62,175	99.6%	121	93.7%	1,755	56,758	246	57,004	99.6%	127	92.8%	1,959	62,036	262	62,298	99.6%	144	92.6%
108A-Branch 2/3 App	1,230	24,146	541	24,687	97.8%	270	78.0%	1,339	26,469	479	26,948	98.2%	254	81.0%	1,279	25,238	533	25,771	97.9%	272	78.7%
108B-Branch 2/3 M/L	193	3,633	67	3,700	98.2%	32	83.4%	179	3,478	43	3,521	98.8%	26	85.5%	184	3,563	62	3,625	98.3%	34	81.5%
109A-Rec. Prod. Ag.	1,665	30,170	1,792	31,962	94.4%	529	68.2%	1,713	31,277	1,724	33,001	94.8%	529	69.1%	1,445	27,232	1,144	28,376	96.0%	356	75.4%
109B-Rec. Other	864	14,809	361	15,170	97.6%	138	84.0%	899	14,866	404	15,270	97.4%	154	82.9%	874	14,205	290	14,495	98.0%	123	85.9%
109C-Rec. Dealer	156	1,475	84	1,559	94.6%	45	71.2%	175	1,589	115	1,704	93.3%	59	66.3%	161	1,558	68	1,626	95.8%	44	72.7%
109D-Rec. PCA	333	2,428	49	2,477	98.0%	39	88.3%	400	2,960	21	2,981	99.3%	17	95.8%	312	2,358	13	2,371	99.5%	12	96.2%
110A-Ag PCB Emp. Rec	743	9,250	244	9,494	97.4%	113	84.8%	703	8,765	339	9,104	96.3%	147	79.1%	633	7,801	210	8,011	97.4%	86	86.4%
110B-Struct. Emp. Rec	656	7,222	137	7,359	98.1%	77	88.3%	685	7,419	196	7,615	97.4%	83	87.9%	500	5,684	139	5,823	97.6%	56	88.8%
110C-Ag PCB Bus. Rec	827	7,427	131	7,558	98.3%	84	89.8%	811	7,264	164	7,428	97.8%	105	87.1%	697	5,878	87	5,965	98.5%	60	91.4%
110D-Struct. Bus. Rec	741	5,737	112	5,849	98.1%	81	89.1%	771	6,066	125	6,191	98.0%	90	88.3%	605	4,773	95	4,868	98.0%	60	90.1%
<b>Totals:</b>	20,191	351,619	9,487	361,106	97.4%	3,696	81.7%	20,538	351,846	9,361	361,207	97.4%	3,651	82.2%	18,462	328,070	6,819	334,889	98.0%	2,648	85.7%

Inspection numbers only include non-oversight inspections submitted to DPR. Please refer to the Inspection Form Reference for the full inspection form title.

# Statewide Inspection Compliance For FY04-05, FY05-06, and FY06-07

	FY 04/05		FY 05/06		FY 06/07	
	Hours	Numbers	Hours	Numbers	Hours	Numbers
<b>VIII. Compliance Actions</b>						
A. Warning Letters / Violation Notices		5,269		5,514		4,078
B. Cease and Desist Orders		271		326		259
C. Documented Compliance Interviews		73		70		51
<b>Total:</b>	8,841	5,613	10,443	5,910	9,748	4,388
<b>IX. Enforcement Actions</b>						
<b>A. Administrative Action:</b>						
1. Restricted Materials Permit		4		9		2
2. Private Applicator Certifications		0		0		9
3. County Registrations		16		20		0
4. Structural Civil Penalties		323		290		297
5. Agricultural Civil Penalties		526		751		885
<b>B. Judicial Actions:</b>						
1. Notice to Appear (Citations)		1		1		5
2. Cases Submitted to DA		0		1		6
3. Civil Complaints Filed		0		2		0
4. Criminal Complaints Filed		0		0		0
<b>C. Referrals to DPR</b>						
		0		1		0
<b>Total:</b>	11,739	870	16,360	1,075	17,741	1,204

Note: Compliance and Enforcement actions are not necessarily taken place in the same fiscal year when the violation occurs. Additionally, some actions may be due to discovery of violations by means other than inspections such as through investigations.

## Most Common Violations - Statewide<sup>1</sup>

[illegible]

## Inspection Form Reference

Form#	Inspection Form Title
103	Field Worker Safety Inspection
104A	Pesticide Use Monitoring Inspection A. Application Inspection
104B	Pesticide Use Monitoring Inspection B. Mix Load Inspection
105	Commodity Fumigation Use Monitoring Inspection
106	Field Fumigation Use Monitoring Inspection
107	Structural - Branch 1 Use Monitoring Inspection
108A	Structural - Branch 2/3 Use Monitoring Inspection A. Application Inspection
108B	Structural - Branch 2/3 Use Monitoring Inspection B. Mix Load Inspection
109A	Production Ag/Other/Dealer/PCA - Pest Control Records Inspections A. Headquarter and Employee Safety - Production Agriculture
109B	Production Ag/Other/Dealer/PCA - Pest Control Records Inspections B. Headquarter and Employee Safety - Other
109C	Production Ag/Other/Dealer/PCA - Pest Control Records Inspections C. Dealer Records / Storage Inspection
109D	Production Ag/Other/Dealer/PCA - Pest Control Records Inspections D. Pest Control Adviser Records Inspection
110A	Agricultural/Structural PCB - Pest Control Records Inspections A. Headquarter and Employee Safety - Agricultural PCB
110B	Agricultural/Structural PCB - Pest Control Records Inspections B. Headquarter and Employee Safety - Structural PCB
110C	Agricultural/Structural PCB - Pest Control Records Inspections C. Licensed PCB Records/Storage - Agricultural PCB
110D	Agricultural/Structural PCB - Pest Control Records Inspections D. Licensed PCB Records/Storage - Structural PCB